

Fig. 1

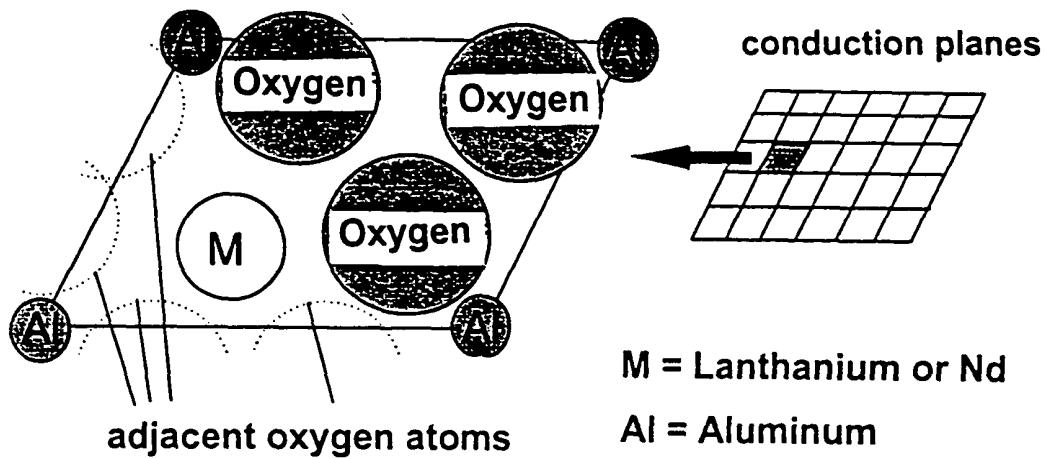
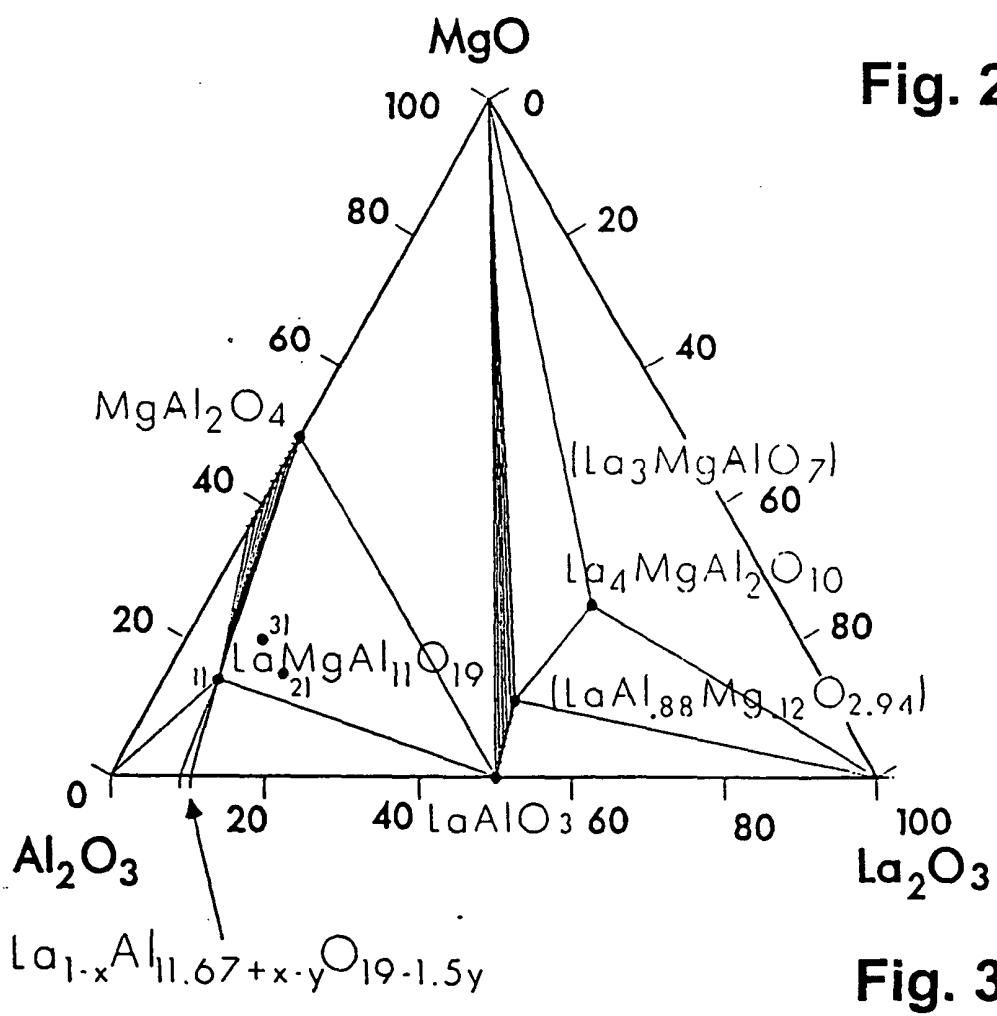


Fig. 2



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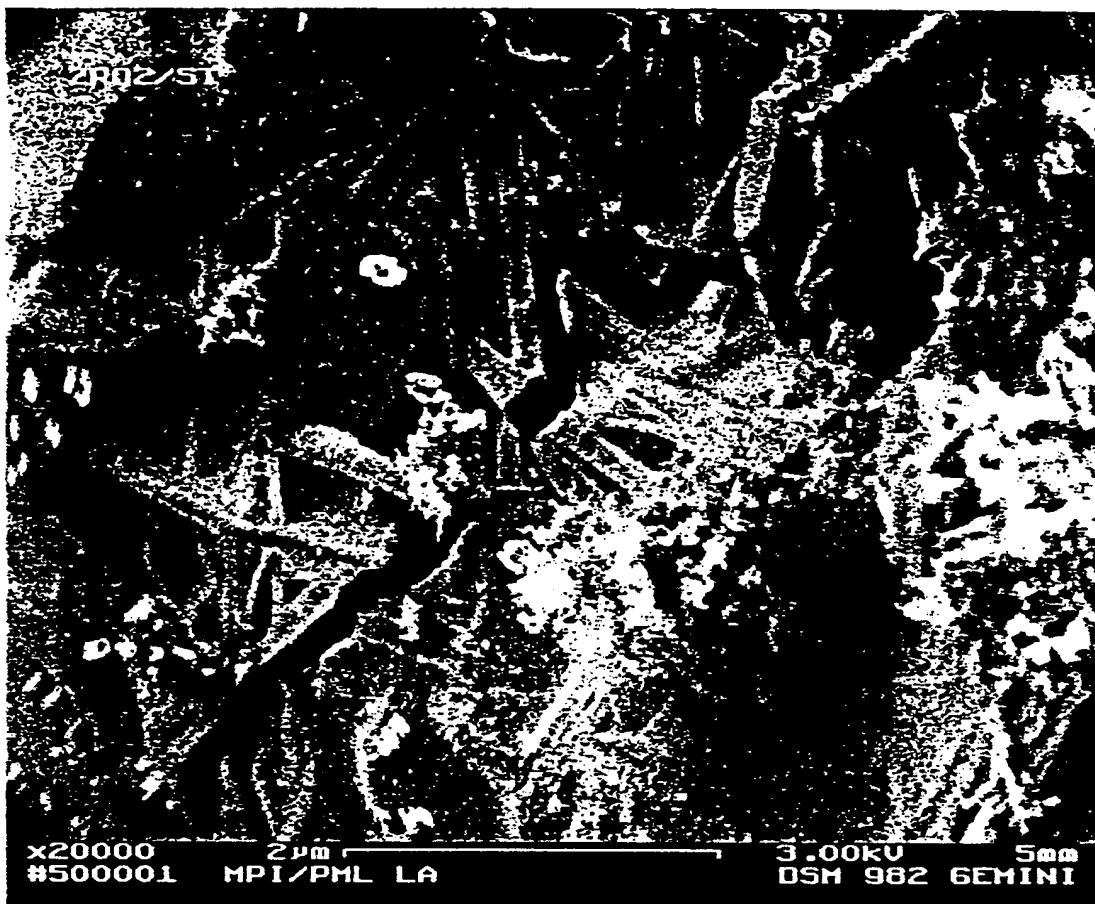


Fig. 4

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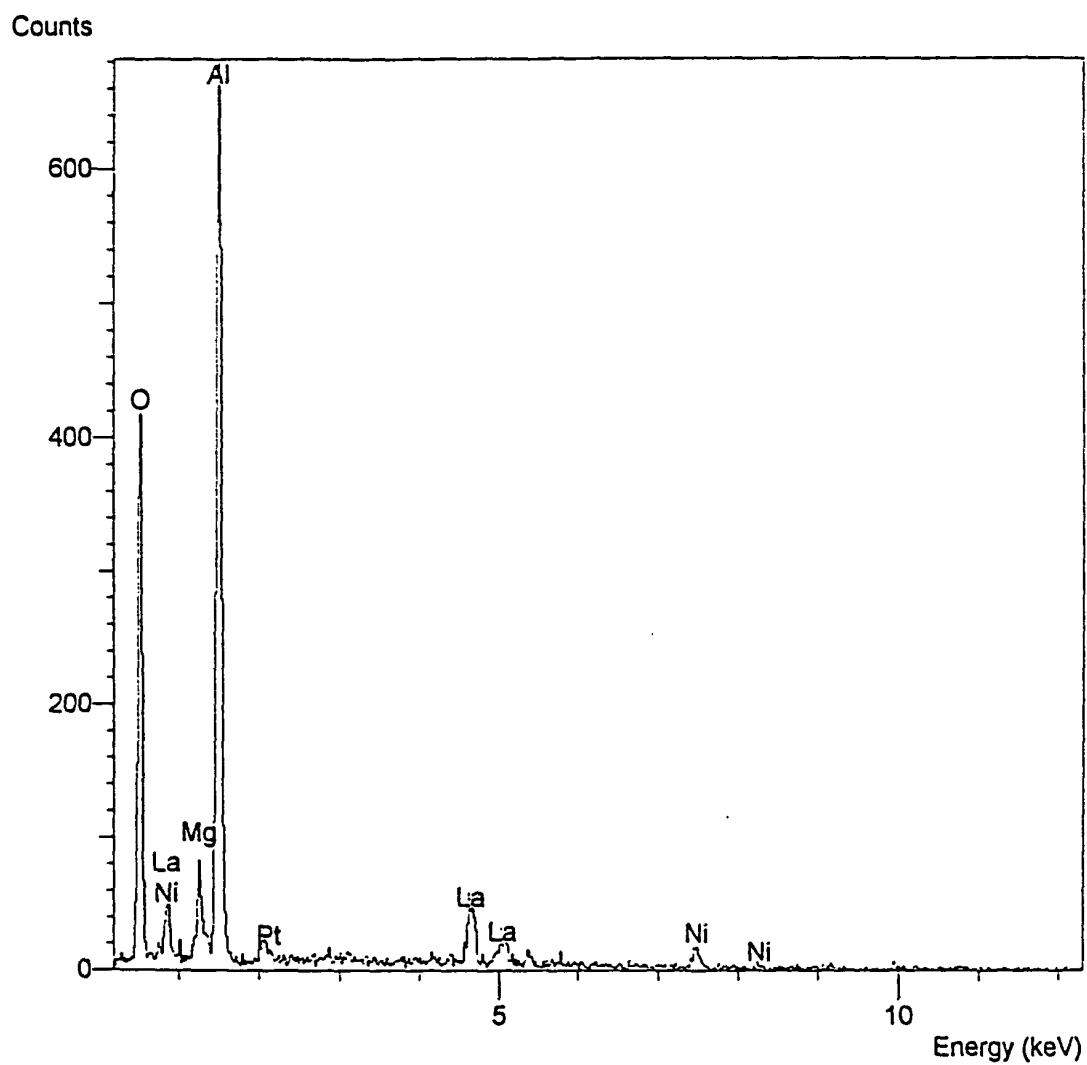


Fig. 5

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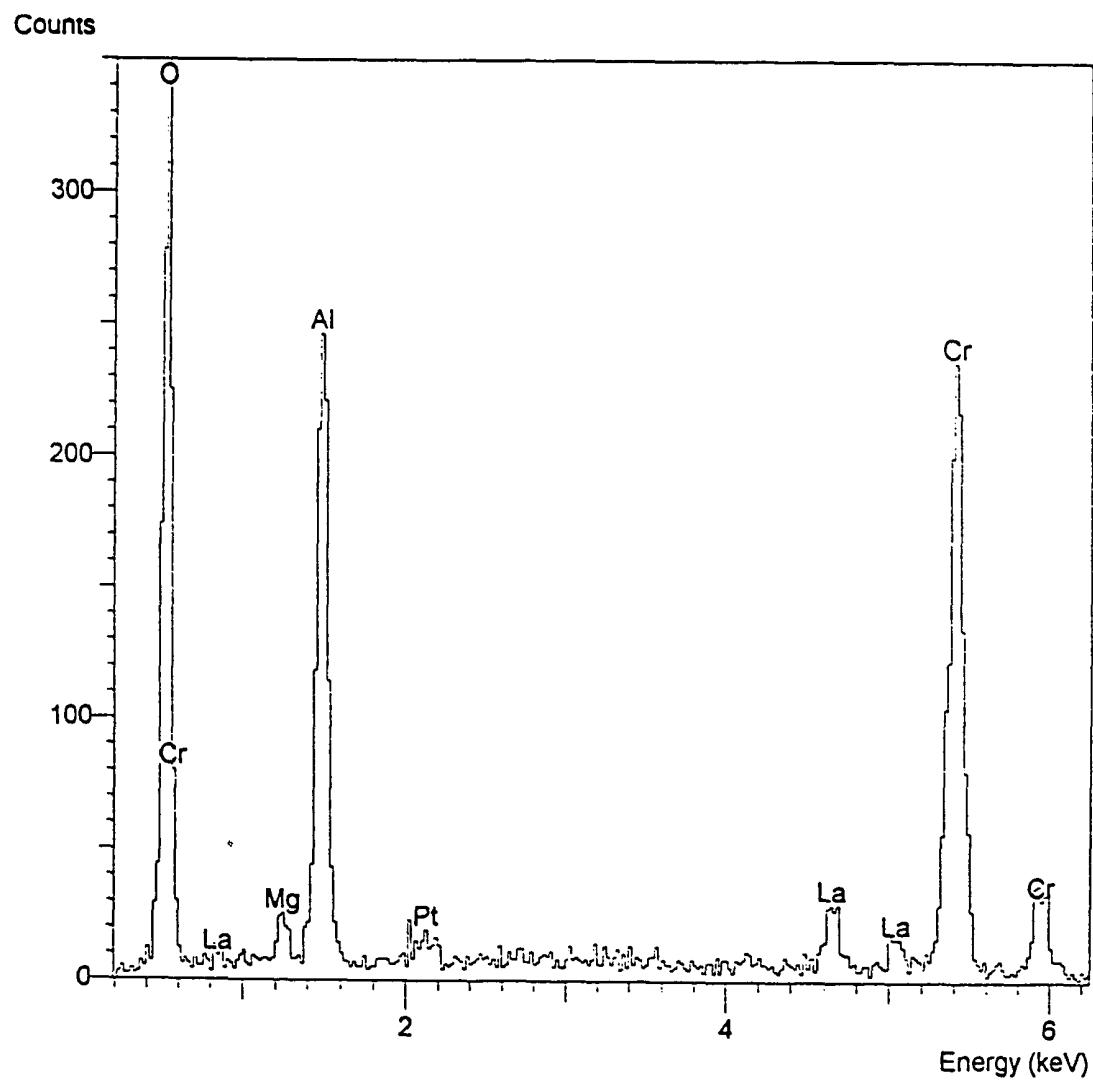
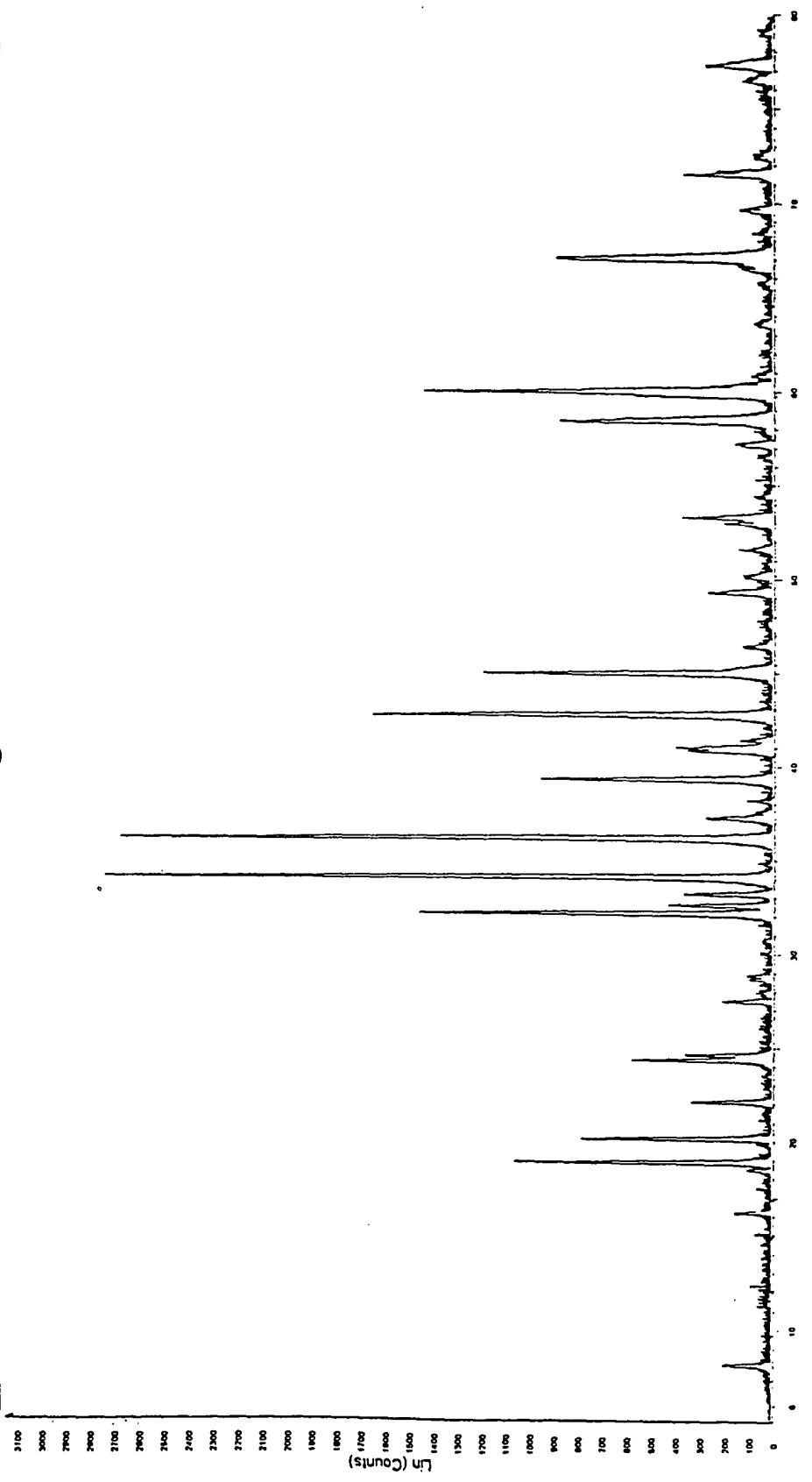


Fig. 6

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D5MEAS - Program:GS2.DQL D5MEAS - Program:

P2_1160



\File:W:\GSC\HLP2_1160 D5MEAS - Program GS2.DQL D5MEAS - Program GS2.DQL - File:jp2_1160 raw - Start: 3 000 ° - End: 79 991 ° - Step: 0.016 ° - 2-Theta: 3.000 °
Operations: Background 1 000,1 000 | Import

Fig. 7

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Mixed Oxide Method

Starting substances

Al_2O_3

La_2O_3

MeO

Me=Mg, Mn, Zn, Co
Fe, Ni, Cr, Eu, Sm

Production of a
sprayable suspension

Grinding &
mixing

e.g. Tumbling mixer,
drum grinder, attritor

Granulating
the powder

Separating
the
suspension

Production of sprayed powder
for thermal spraying

Spray
granulation

Spray drier

Calcination of the
spray granulate

Temperatures
1000-1700°C

Application

Fig. 8

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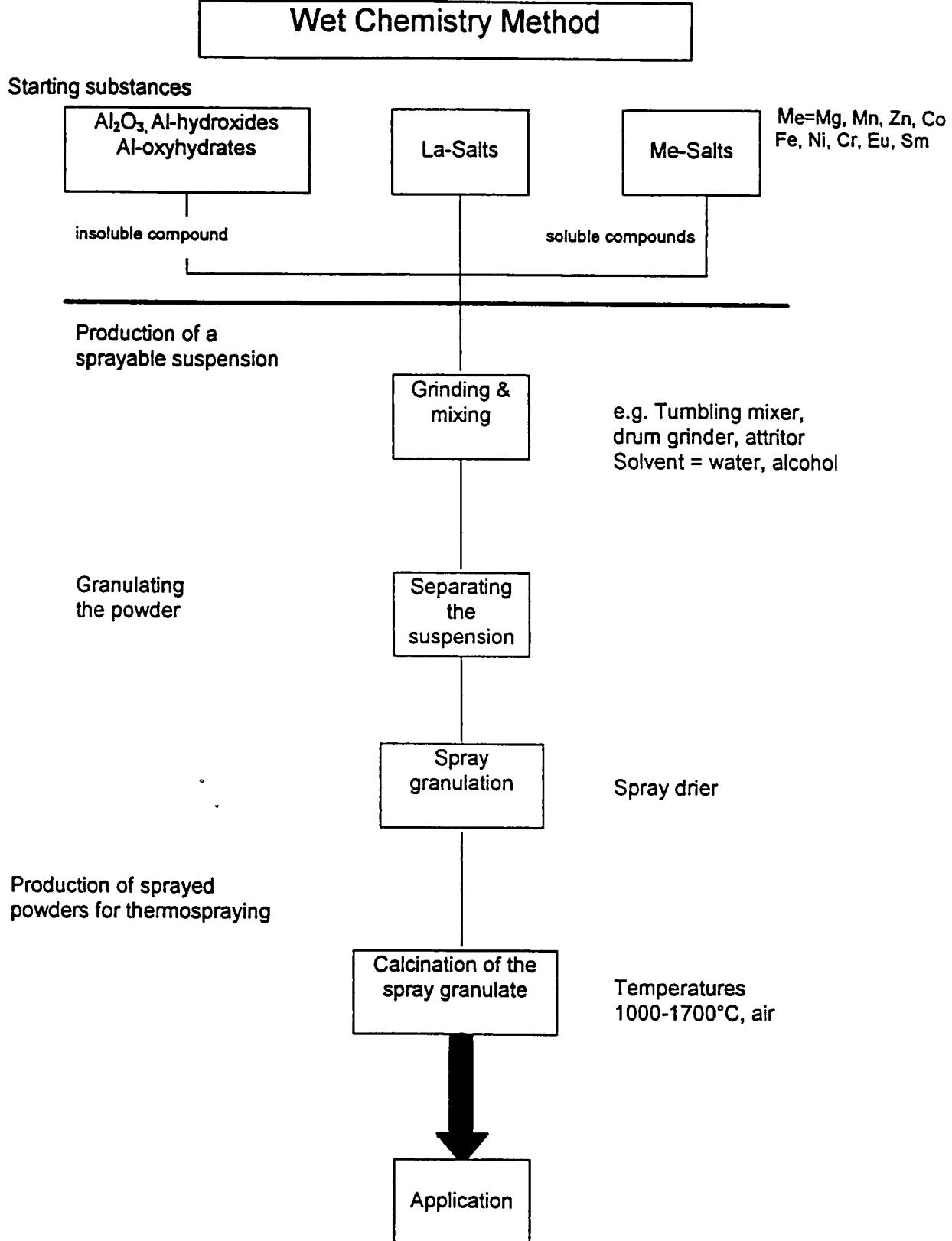


Fig. 9

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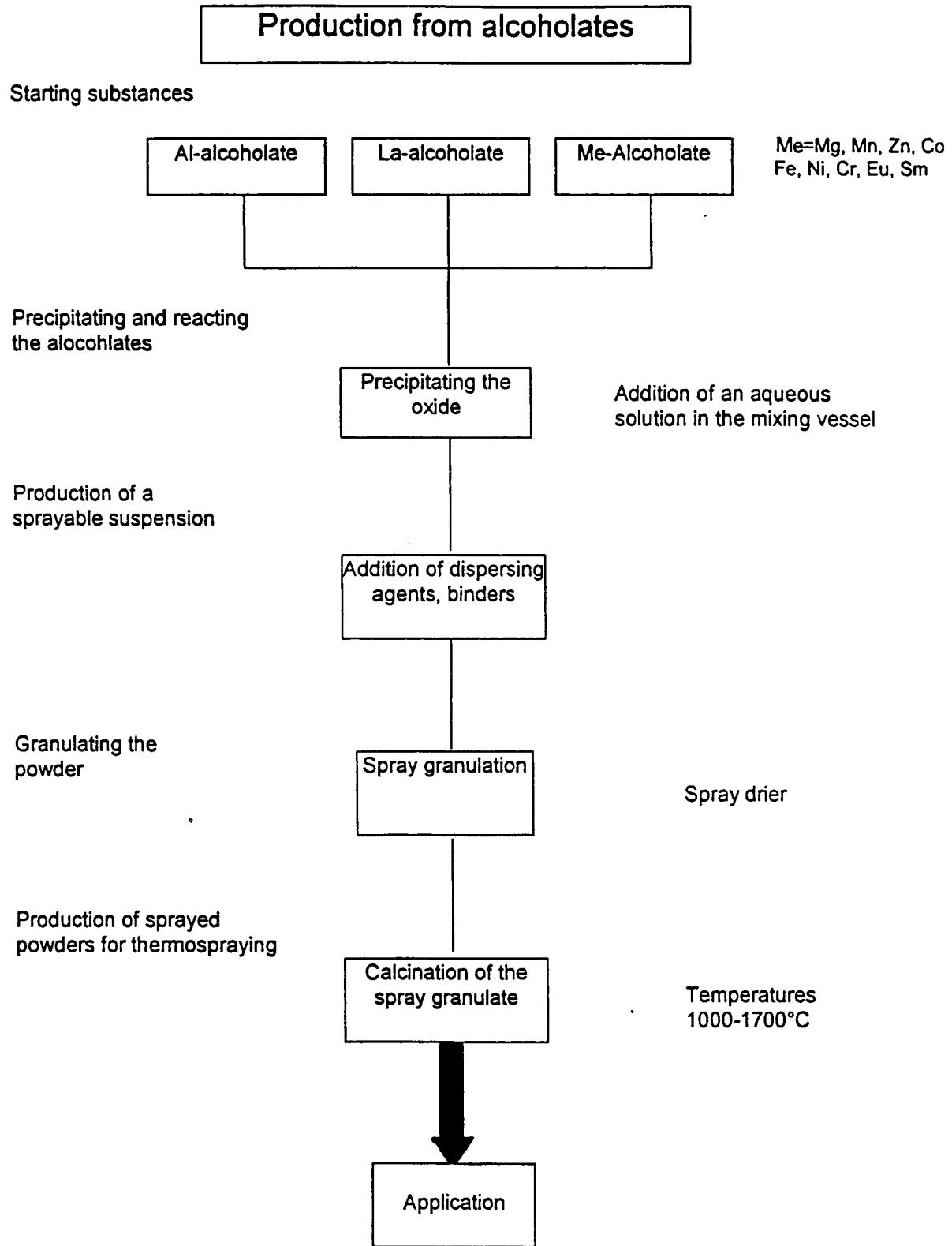


Fig. 10

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Production of powder highly capable of crystallisation

Starting substances

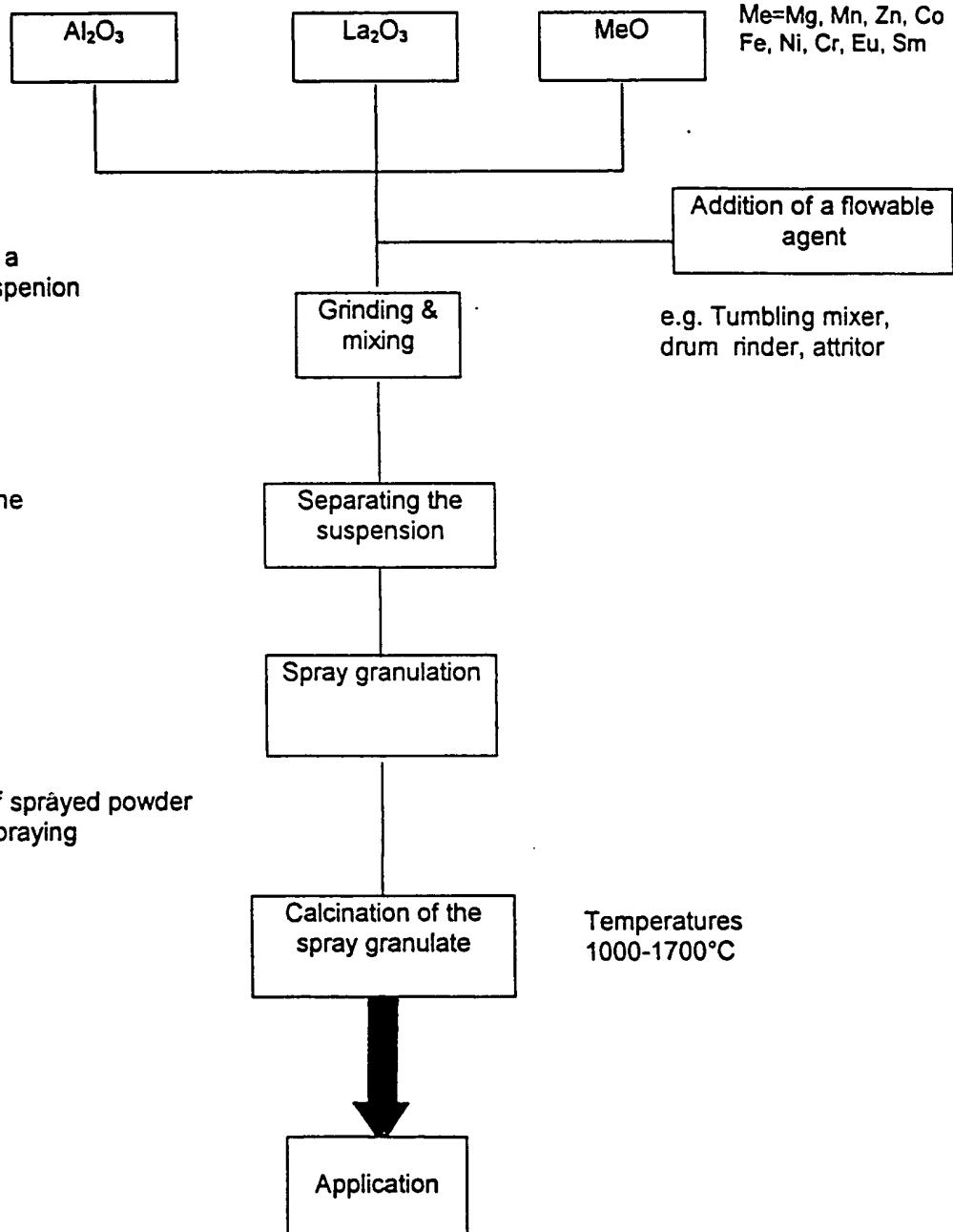


Fig. 11

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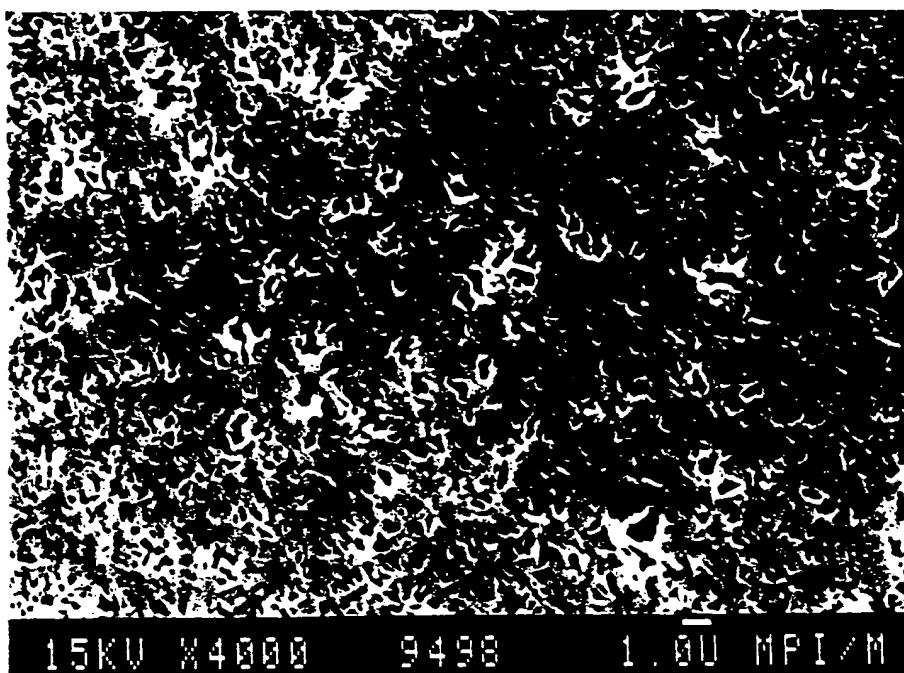


Fig. 12

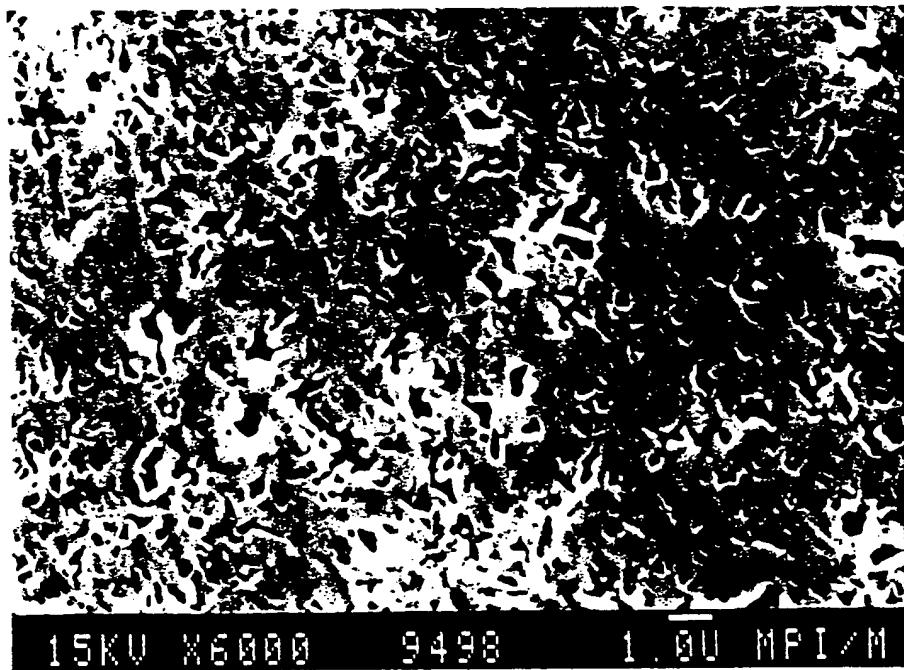


Fig. 13

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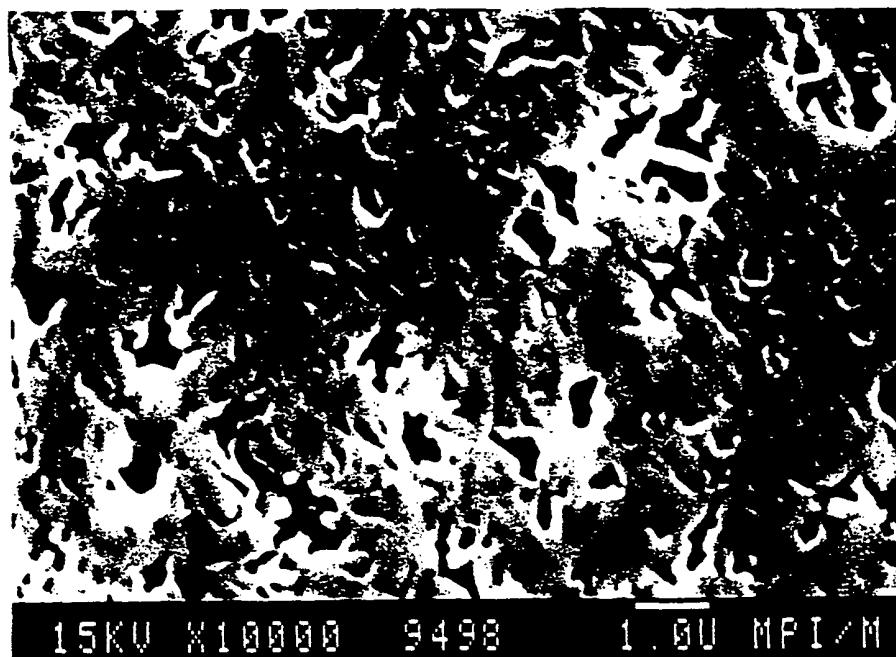


Fig. 14

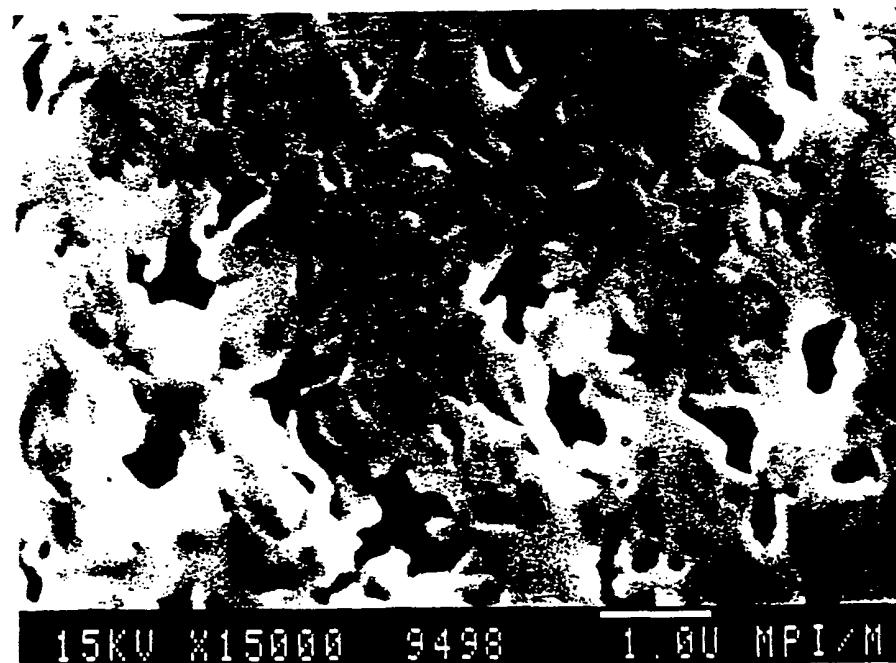


Fig. 15